

NOTE 1 – LINKS.

- FOR FULL 240V CONTROL, LEAVE LINKS BETWEEN TERMINALS L-F-24.
- FOR SYSTEMS REQUIRING 24V OUTPUTS FOR COMPRESSOR & REVERSING VALVE, REMOVE LINK BETWEEN F & 24 AND SUPPLY 24V TO TERMINAL 24.
- FOR SYSTEMS REQUIRING 24V FAN OUTPUTS, REMOVE LINK BETWEEN L & F AND SUPPLY 24V TO TERMINAL F.
- FOR SYSTEMS REQUIRING 24V ON ALL OUTPUTS, REMOVE LINK BETWEEN L & F, LEAVE LINK BETWEEN F & 24 AND SUPPLY 24V TO EITHER TERMINAL F OR 24.

PCB-058V2/V3

NOTE 4.

- JP1.
FOR NORMAL OPERATION THE TEST JUMPER PINS MUST NOT BE SHORTED.

NOTE 5.

- "TEST" SWITCH.
TO INITIATE OR TERMINATE DEFROST.

NOTE 2 – SYSTEM WARM UP ACCELERATOR OPTIONAL.

SENSING BULB LOCATION.

IT IS ESSENTIAL THAT THE SENSOR IS LOCATED WHERE THE HOT GAS ENTERS ONE OF THE REFRIGERANT CIRCUITS IN THE EVAPORATOR. GENTLY OPEN THE FINS IN THE INDOOR COIL ON THE LEAVING AIR SIDE AND IMPLANT THE SENSOR IN THE COIL AS CLOSE AS POSSIBLE TO THE COPPER TUBES. IT IS NOT RECOMMENDED THAT THE SENSOR BE CLIPPED TO A RETURN BEND AS POOR HEAT TRANSFER WILL PREVENT CORRECT OPERATION OF THE CONTROL. DO NOT INSTALL ON THE INDOOR COIL SUCTION (LARGE) HEADER OR PREMATURE FAN START MAY OCCUR. THE WARM UP ACCELERATOR DOES NOT OPERATE ON THE COOLING CYCLE.

NOTE 3.

THE OUTDOOR COIL SENSOR BULB SHOULD BE LOCATED IN A COPPER WELL SILVER SOLDERED TO A COIL RETURN BEND. WHEN ATTACHING THE SENSOR, USE A THERMAL CONDUCTING PASTE TO ENSURE GOOD HEAT TRANSFER. LOCATE THE SENSOR IN A POSITION APPROXIMATELY MID CIRCUIT OF ONE OF THE COIL CIRCUITS. FOR FURTHER INFORMATION CONTACT HANWEST P/L.

PLUG
10 OR 25 METRE LEAD
PLUG
CSD OPTION – (CONTROL SHUT DOWN). PINS MUST BE BRIDGED WHEN NOT REQUIRED

CN-TH1 PLUG.
STANDARD REMOTE SENSOR PLUG.

OPTIONAL REMOTE SENSOR
SYSTEM WARM UP
EVAP. COIL
SENSOR
CN-TH2 PLUG.

CN-12V PLUG.
PLUG HERE WHEN USING HANWEST ZSU-040 ZONE SWITCH UNIT. PINS 1 & 2 MUST BE BRIDGED WHEN NOT REQUIRED.

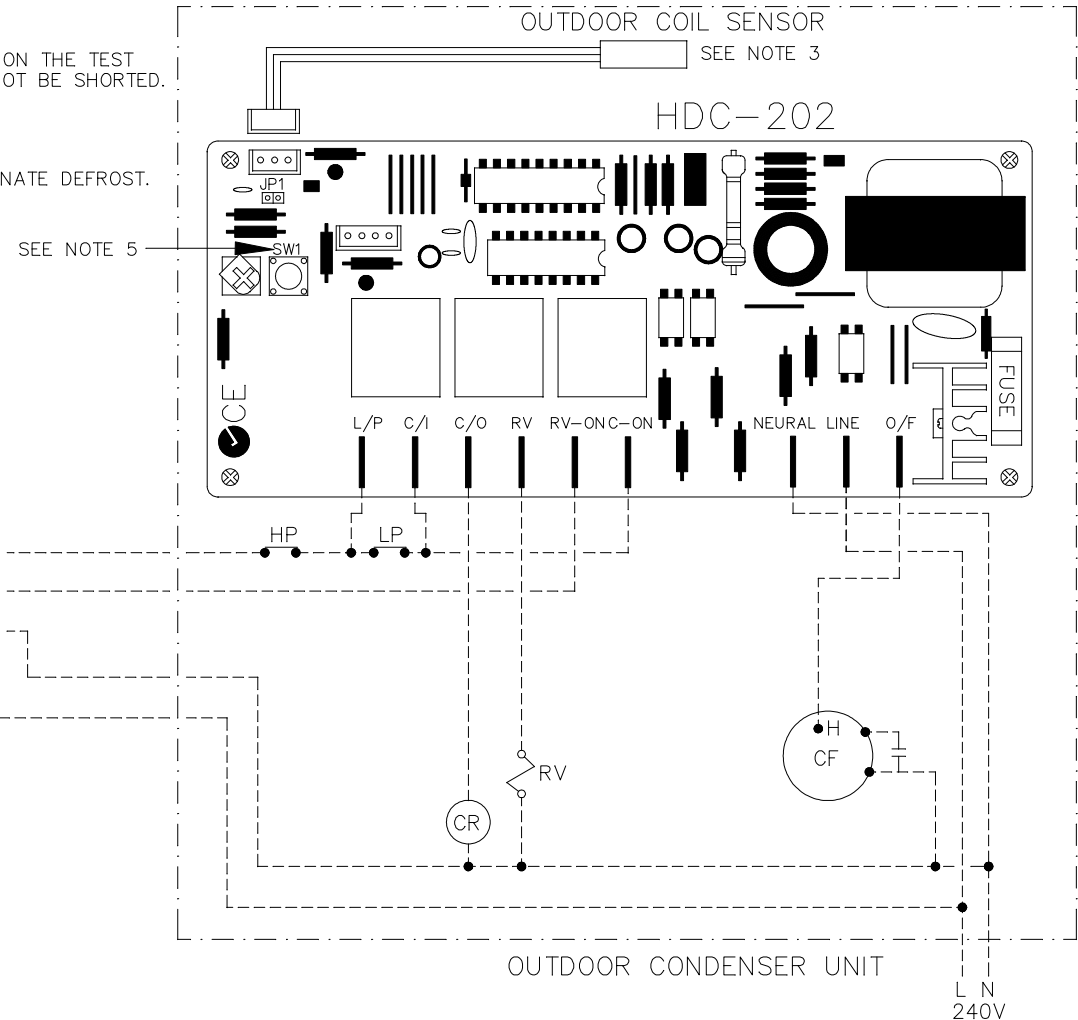
RSD OPTION (RELAY SHUT DOWN). PINS MUST BE BRIDGED WHEN NOT REQUIRED.

CN-F CONNECT PLUG FOR PARALLEL FAN ACCESSORY CONTROL BOARD

FOR CONTINUOUS FAN OPERATION ON HEAT, MOVE JUMPER TO BRIDGE PINS LF.

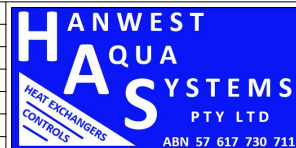
PLUG CN-2 – REVERSING VALVE SELECTION PLUG.
SELECT HERE WITH 2 PIN JUMPER FOR EITHER REVERSE ON HEAT (AS SUPPLIED) OR MOVE JUMPER TO BRIDGE LOWER 2 PINS FOR REVERSE ON COOL.

WHEN USING FAN OUTPUTS TO OPERATE EXTERNAL FAN RELAYS OR LOW VOLTAGE PCB. REMOVE JUMPER SK.



LEGEND.

- CR – COMPRESSOR RELAY.
- RV – REVERSING VALVE.
- CF – CONDENSER FAN MOTOR.
- R – LOCKOUT RELAY.



5/20 DOYLE AVENUE
UNANDERRA NSW 2526
AUSTRALIA
PH: 02 4226 4313
EMAIL: sales@hanwest.com.au

CONNECTION DIAGRAM FOR
HAN-L5/PCB-058V2/V3 WITH HDC-202
CONDENSER CONTROLLER

DRAWN ECJ
CHKD ECJ
SCALE NTS
REV 0
DATE APRIL 2008
DWG NO.
L5-HDC-202



APP BY	DESCRIPTION	DATE
--------	-------------	------